

Crop Production

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Special Note

Temperatures fell below freezing in Florida January 28-January 30. The full impact on the citrus crops in Florida may not be fully reflected in this report. The March Crop Production report will include the next update on citrus crops.

Orange Production Down 1 Percent from January Forecast

The United States all orange forecast for the 2021-2022 season is 3.88 million tons, down 1 percent from the previous forecast and down 12 percent from the 2020-2021 final utilization. The Florida all orange forecast, at 43.5 million boxes (1.96 million tons), is down 2 percent from the previous forecast and down 18 percent from last season's final utilization. In Florida, early, midseason, and Navel varieties are forecast at 17.5 million boxes (788,000 tons), unchanged from the previous forecast but down 23 percent from last season's final utilization. The Florida Valencia orange forecast, at 26.0 million boxes (1.17 million tons), is down 4 percent from the previous forecast and down 14 percent from last season's final utilization. The California and Texas orange production forecasts were carried froward from the previous forecast.

This report was approved on February 9, 2022.

Secretary of Agriculture Designate

Seth Meyer

Agricultural Statistics Board

Chairperson

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Utilized Production of Citrus Fruits by Crop – States and United States: 2020-2021 and Forecasted February 1, 2022

[The crop year begins with the bloom of the first year shown and ends with the completion of harvest the following year]

0 10 1	Utilized product	tion boxes 1	Utilized production	n ton equivalent
Crop and State	2020-2021	2021-2022	2020-2021	2021-2022
	(1,000 boxes)	(1,000 boxes)	(1,000 tons)	(1,000 tons)
Oranges				
California, all ²	50,100	47,600	2,004	1,904
Early, mid, and Navel 3	40,600	39,000	1,624	1,560
Valencia	9,500	8,600	380	344
Florida, all	52,800	43,500	2,377	1,958
Early, mid, and Navel ³	22,700	17,500	1,022	788
Valencia	30,100	26,000	1,355	1,170
Texas, all ²	1,050	400	45	17
Early, mid, and Navel 3	1,000	300	43	13
Valencia	50	100	2	4
United States, all	103,950	91,500	4,426	3,879
Early, mid, and Navel ³	64,300	56,800	2,689	2,361
Valencia	39,650	34,700	1,737	1,518
Grapefruit				
California ²	3,900	3,500	156	140
Florida, all	4,100	4,100	174	174
Texas ²	2,400	1,600	96	64
United States	10,400	9,200	426	378
Tangerines and mandarins ⁴				
California ²	28,100	21,000	1,124	840
Florida	890	800	42	38
United States	28,990	21,800	1,166	878
Lemons ²				
Arizona	800	1,400	32	56
California	21,300	23,000	852	920
United States	22,100	24,400	884	976

¹ Net pounds per box: oranges in California-80, Florida-90, Texas-85; grapefruit in California-80, Florida-85, Texas-80; tangerines and mandarins in California-80, Florida-95; lemons-80.

² Estimates for current year carried forward from an earlier forecast.

³ Navel and miscellaneous varieties in California. Early (including Navel) and midseason varieties in Florida and Texas.

⁴ Includes tangelos and tangors.

Sugarcane Area Harvested, Yield, and Production by Use - States and United States: 2020 and 2021

Use and State	Area har	rvested Yield per acre 1		Produ	uction 1	
Ose and State	2020	2021	2020	2021	2020	2021
	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(1,000 tons)	(1,000 tons)
For sugar						
Florida	409.0	388.0	44.3	43.4	18,119	16,839
Louisiana ²		464.0	32.9	29.5	15,167	13,688
Texas ²	33.4	34.2	31.5	31.6	1,052	1,081
United States	903.4	886.2	38.0	35.7	34,338	31,608
For seed						
Florida	14.3	15.5	47.3	47.2	676	732
Louisiana ²	27.4	30.6	36.5	34.2	1,000	1,047
Texas ²	2.5	2.2	34.3	33.7	86	74
United States	44.2	48.3	39.9	38.4	1,762	1,853
For sugar and seed						
Florida	423.3	403.5	44.4	43.5	18,795	17,571
Louisiana ²	488.4	494.6	33.1	29.8	16,167	14,735
Texas ²	35.9	36.4	31.7	31.7	1,138	1,155
United States	947.6	934.5	38.1	35.8	36,100	33,461

¹ Net tons.
² Estimates are carried forward from an earlier estimate.

Crop Area Planted and Harvested, Yield, and Production in Domestic Units – United States: 2021 and 2022

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2022 crop year. Blank data cells indicate estimation period has not yet begun]

Cron	Area planted		Area harvested		
Crop	2021	2022	2021	2022	
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	
Grains and hay					
Barley	2,660		1,948		
Corn for grain 1	93,357		85,388		
Corn for silage	(NA)		6,481		
Hay, all	(NA)		50,736		
Alfalfa	(NA)		15,246		
All other	(NA)		35,490		
Dats	2,550		650		
Proso millet	725		662		
Rice	2,532		2,488		
	,		,		
Rye	2,133		294		
Sorghum for grain ¹	7,305		6,490		
Sorghum for silage	(NA)		331		
Wheat, all	46,703		37,163		
Winter	33,648	34,397	25,464		
Durum	1,635		1,534		
Other spring	11,420		10,165		
Dilseeds					
Canola	2,152.0		2,089.0		
Cottonseed	(X)		(X)		
Flaxseed	325		268		
Mustard seed	103.0		89.3		
Peanuts	1,585.2		1,545.0		
Rapeseed	14.3		12.5		
Safflower	152.0		135.0		
Soybeans for beans	87,195		86,332		
Sunflower	1,288.5		1,243.8		
Setten tehana and augus arens					
Cotton, tobacco, and sugar crops	11 210 F		0.068.3		
Cotton, all	11,219.5		9,968.3		
Upland	11,093.0		9,844.5		
American Pima	126.5		123.8		
Sugarbeets	1,160.0		1,107.6		
Sugarcane	(NA)		934.5		
Tobacco	(NA)		218.9		
Dry beans, peas, and lentils					
Chickpeas	368.5		351.0		
Dry edible beans	1,394.0		1,335.6		
Dry edible peas	977.0		834.0		
_entils	708.0		549.0		
Potatoes and miscellaneous					
Hops	(NA)		60.9		
Maple syrup	(NA)		(NA)		
Mushrooms	(NA)		(NA)		
Peppermint oil	(NA)		44.0		
• •	(NA) 943.0		935.7		
Potatoes					
Spearmint oil	(NA)		14.9		

See footnote(s) at end of table. --continued

Crop Area Planted and Harvested, Yield, and Production in Domestic Units - United States: 2021 and 2022 (continued)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2022 crop year.

Ones	Yield per acre		Production	
Сгор	2021	2022	2021	2022
			(1,000)	(1,000)
Crains and have			(1,000)	(1,000)
Grains and hay	00.4		447.070	
Barleybushels	60.4		117,673	
Corn for grainbushels	177.0		15,115,170	
Corn for silagetons	20.1		130,317	
Hay, alltons	2.37		120,196	
Alfalfatons	3.23		49,245	
All othertons	2.00		70,951	
Oats bushels	61.3		39,836	
Proso millet bushels	23.2		15,376	
Rice ² cwt	7,709		191,796	
Ryebushels	33.4		9,808	
Sorghum for grainbushels	69.0		447,810	
Sorghum for silagetons	15.4		5,083	
Wheat, allbushels	44.3		1,645,764	
Winterbushels	50.2		1,277,365	
Durum	24.3		37,259	
Other springbushels	32.6		331,140	
Oilseeds				
Canolapounds	1,302		2,720,550	
Cottonseedtons	(X)		5,377.0	
Flaxseed bushels	10.1		2,708	
Mustard seed	491		43.834	
	-		- /	
Peanutspounds	4,135		6,389,300	
Rapeseedpounds	1,809		22,616	
Safflowerpounds	1,001		135,175	
Soybeans for beansbushels	51.4		4,435,232	
Sunflowerpounds	1,530		1,902,985	
Cotton, tobacco, and sugar crops	0.40		47.004.0	
Cotton, all ² bales	849		17,624.0	
Upland ² bales	841		17,257.0	
American Pima ² bales	1,423		367.0	
Sugarbeetstons	33.2		36,751	
Sugarcanetons	35.8		33,461	
Tobaccopounds	2,183		477,973	
Dry beans, peas, and lentils				
Chickpeas 2cwt	815		2,861	
Dry edible beans ² cwt	1,701		22,721	
Dry edible peas ² cwt	1,025		8,549	
Lentils ² cwt	606		3,327	
Potatoes and miscellaneous				
Hopspounds	1,900		115,630.9	
Maple syrupgallons	(NA)		3,424	
Mushroomspounds	(NA)		757,987	
Peppermint oilpounds	104		4,566	
Potestone	439		400 671	

438

119

Potatoescwt

Spearmint oilpounds

409,671

⁽NA) Not available.
(X) Not applicable.

¹ Area planted for all purposes.

² Yield in pounds.

Crop Area Planted and Harvested, Yield, and Production in Metric Units - United States: 2021 and 2022

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2022 crop year.

Cron	Area planted		Area harvested	
Crop	2021	2022	2021	2022
	(hectares)	(hectares)	(hectares)	(hectares)
Grains and hay				
Barley	1,076,480		788,340	
Corn for grain ¹	37,780,640		34,555,670	
Corn for silage	(NA)		2,622,800	
Hay, all ²	(NA)		20,532,350	
Alfalfa	(NA)		6,169,900	
All other	(NA)		14,362,450	
Oats	1,031,960		263,050	
Proso millet	293,400		267,900	
Rice	1,024,680		1,006,870	
Rve	863,200		118,980	
Sorghum for grain ¹	2,956,260		2,626,440	
Sorghum for silage	2,930,200 (NA)		133,950	
Wheat, all ²	18,900,240		15,039,490	
Winter	, ,	12 020 120	10,305,030	
Durum	13,617,010 661,670	13,920,120	620,790	
	,		-	
Other spring	4,621,560		4,113,670	
Dilseeds				
Canola	870,890		845,400	
Cottonseed	(X)		(X)	
Flaxseed	131,520		108,460	
Mustard seed	41,680		36,140	
Peanuts	641,510		625,250	
Rapeseed	5,790		5,060	
Safflower	61,510		54,630	
Soybeans for beans	35,286,940		34,937,700	
Sunflower	521,440		503,350	
Cotton, tobacco, and sugar crops				
Cotton, all ²	4,540,420		4,034,070	
Upland	4,489,230		3,983,970	
American Pima	51,190		50,100	
Sugarbeets	469,440		448,230	
Sugarcane	(NA)		378,180	
Tobacco	(NA)		88,600	
Dry beans, peas, and lentils				
Chickpeas	149.130		142,050	
Ory edible beans	564,140		540,500	
Ory edible peas	395,380		337,510	
Lentils	286,520		222,170	
Potatoes and miscellaneous				
Hops	(NA)		24,630	
Maple syrup	(NA)		(NA)	
Mushrooms	(NA)		(NA)	
Peppermint oil	(NA)		17,810	
Potatoes	381,620		378,670	

Spearmint oil See footnote(s) at end of table. --continued

Crop Area Planted and Harvested, Yield, and Production in Metric Units - United States: 2021 and 2022 (continued)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2022 crop year. Blank data cells indicate estimation period has not yet begun]

Cron	Yield per hectare		Produc	ction
Crop	2021	2022	2021	2022
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
Grains and hay				
Barley	3.25		2,562,030	
Corn for grain	11.11		383,943,000	
Corn for silage	45.07		118,221,590	
Hay, all ²	5.31		109,039,980	
Alfalfa	7.24		44,674,310	
All other	4.48		64,365,660	
Oats	2.20		578,220	
Proso millet	1.30		348,720	
Rice	8.64		8,699,720	
Rye	2.09		249,130	
Sorghum for grain	4.33		11,374,900	
Sorghum for silage	34.42		4,611,220	
Wheat, all ²	2.98		44,790,360	
Winter	3.37		34,764,180	
Durum	1.63		1,014,020	
Other spring	2.19		9,012,150	
Oilseeds				
Canola	1.46		1,234,020	
Cottonseed	(X)		4,877,930	
Flaxseed	0.63		68,790	
Mustard seed	0.55		19,880	
Peanuts	4.64		2,898,140	
Rapeseed	2.03		10,260	
Safflower	1.12		61,310	
Soybeans for beans	3.45		120,707,230	
Sunflower	1.71		863,180	
Cotton, tobacco, and sugar crops				
Cotton, all ²	0.95		3,837,170	
Upland	0.94		3,757,270	
American Pima	1.59		79,900	
Sugarbeets	74.38		33,339,950	
Sugarcane	80.27		30,355,310	
Tobacco	2.45		216,800	
Dry beans, peas, and lentils				
Chickpeas	0.91		129,770	
Dry edible beans	1.91		1,030,610	
Dry edible peas	1.15		387,780	
Lentils	0.68		150,910	
Potatoes and miscellaneous				
Hops	2.13		52,450	
Maple syrup	(NA)		17,120	
Mushrooms	(NA)		343,820	
Peppermint oil	0.12		2,070	
Potatoes	49.07		18,582,370	
Spearmint oil	0.13		810	
1	21.10	l	1	

⁽NA) Not available.

(X) Not applicable.

¹ Area planted for all purposes.

² Total may not add due to rounding.

Fruits and Nuts Production in Domestic Units - United States: 2021 and 2022

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2022 crop year, except citrus which is for the 2021-2022 season. Blank data cells indicate estimation period has not yet begun]

Crop	Production			
Сгор	2021	2022		
Citrus ¹				
Grapefruit1,000 tons	426	378		
Lemons	884	976		
Oranges1,000 tons	4,426	3,879		
Tangerines and mandarins	1,166	878		
Noncitrus				
Apples, commercialmillion pounds	10,525.0			
Apricots tons	55,500			
Avocadostons				
Blueberries, Cultivated1,000 pounds				
Blueberries, Wild (Maine)1,000 pounds				
Cherries, Sweettons	369,000			
Cherries, Tartmillion pounds	142.0			
Coffee (Hawaii)1,000 pounds	27,120			
Cranberriesbarrel	7,900,000			
Datestons				
Grapes tons	6,470,000			
Kiwifruit (California)tons				
Nectarines (California)tons				
Olives (California)tons				
Papayas (Hawaii)1,000 pounds				
Peachestons	696,500			
Pears tons	670,000			
Plums (California)tons				
Prunes (California)tons				
Raspberries, all1,000 pounds				
Strawberries				
Nuts and miscellaneous				
Almonds, shelled (California)1,000 pounds	2,800,000			
Hazelnuts, in-shell (Oregon)tons				
Macadamias (Hawaii)				
Pecans, in-shell 1,000 pounds	258,000			
Pistachios (California)				
Walnuts, in-shell (California)tons	670,000			

¹ Production years are 2020-2021 and 2021-2022.

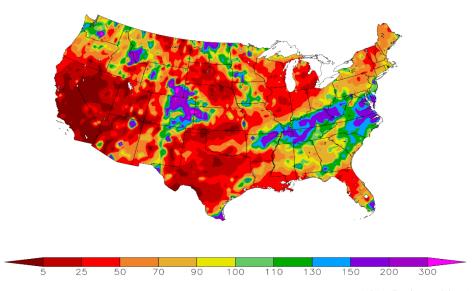
Fruits and Nuts Production in Metric Units - United States: 2021 and 2022

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2022 crop year, except citrus which is for the 2021-2022 season. Blank data cells indicate estimation period has not yet begun]

Crop	Production			
Crop	2021	2022		
	(metric tons)	(metric tons)		
Citrus ¹ Grapefruit Lemons Oranges Tangerines and mandarins	386,460 801,950 4,015,200 1,057,780	342,920 885,410 3,518,970 796,510		
Noncitrus Apples, commercial	4,774,060 50,350			
Cherries, Sweet Cherries, Tart Coffee (Hawaii) Cranberries	334,750 64,410 12,300 358,340			
Dates Grapes Kiwifruit (California) Nectarines (California)	5,869,490			
Olives (California) Papayas (Hawaii) Peaches Pears Plums (California) Prunes (California)	631,850 607,810			
Raspberries, all				
Nuts and miscellaneous Almonds, shelled (California) Hazelnuts, in-shell (Oregon) Macadamias (Hawaii)	1,270,060			
Pecans, in-shell Pistachios (California)	117,030			
Walnuts, in-shell (California)	607,810			

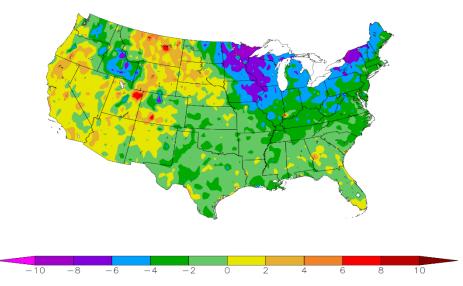
¹ Production years are 2020-2021 and 2021-2022.

Percent of Normal Precipitation (%) 1/1/2022 - 1/31/2022



NOAA Regional Climate Centers

Departure from Normal Temperature (F) 1/1/2022 - 1/31/2022



NOAA Regional Climate Centers

January Weather Summary

As 2021 ended, the water equivalency of the Sierra Nevada snowpack stood close to 15 inches, nearly 160 percent of the late-December average, according to the California Department of Water Resources. Incredibly, less than an inch was added during January to that snowpack, leaving the early-February water equivalency at 16 inches, about 90 percent of the average for the date. Disappointingly low January precipitation totals were also reported across the remainder of California and the Great Basin, as well as the Southwest. In contrast, wet weather persisted early in the month across the Pacific Northwest, while periods of precipitation provided varying degrees of drought relief from the northern and central Rockies to the northern Plains.

Meanwhile, Southwestern dryness extended across the southern half of the Plains, where intensifying drought adversely affected rangeland, pastures, and winter grains. By January 23, more than one-quarter of the winter wheat was rated in very poor to poor condition in several key production states, including Kansas (31 percent), Colorado (40 percent), Oklahoma (43 percent), and Texas (71 percent). Drought impacts extended to the northern High Plains, where 65 percent of Montana's winter wheat was rated very poor to poor. On the same date, USDA/NASS rated topsoil moisture at least 40 percent very short to short in each of the ten states encompassing the Plains and the eastern slopes of the Rockies, ranging from 41 percent in North Dakota to 87 percent in New Mexico.

Farther east, an overall cold but quiet Midwestern weather pattern was interrupted by a mid-January storm, which delivered wind-driven snow, mainly west of the Mississippi River. In fact, parts of the upper Midwest were subjected to sustained cold weather, interspersed with periods of gusty winds and light snow, leading to rural travel difficulties and increased livestock stress. Monthly temperatures broadly averaged at least 5°F below normal from the Midwest to the interior Northeast. Cold weather occasionally reached the Deep South, culminating in freezes across parts of Florida on January 24 and 30. During the latter cold snap, Daytona Beach, Florida (31°F on January 30), experienced its first freeze since January 19, 2018.

In contrast, generally mild weather prevailed from the Pacific Coast to the High Plains, although cooler air began to settle across the Northwest late in the month. Parts of the Northwest also dealt with extended periods of air stagnation and foggy conditions. On the other side of the Rockies, windy weather frequently raked the High Plains, keeping winter wheat's protective snow cover at a minimum. On the southern Plains, windy, dry weather led to several, mid-winter grassfires, including the 1,700-acre Mill Creek Fire in Shackelford County, Texas, which was sparked on January 15. A rare winter wildfire—the Colorado Fire—also burned along the central California coastline near Big Sur, torching nearly 700 acres of vegetation, starting on January 21.

During the 5-week period ending February 1, drought coverage in the contiguous United States was nearly unchanged at 55 percent. According to the *United States Drought Monitor*, drought has covered more than 40 percent of the Lower 48 States for 71 consecutive weeks (September 29, 2020, to present), breaking the modern-day record of 68 weeks set from June 19, 2012 – October 1, 2013. Drought remained especially pervasive across the western half of the Nation, with 88 percent of the 11-state Western region experiencing drought in early February.

Elsewhere, several rounds of wintry weather affected parts of the South and East, contributing to above-normal January precipitation in some areas. The same storm system that delivered mid-month wind and snow across the upper Midwest later produced significant snow and ice accumulations from the southern Appalachians into the Northeast. Late in the month, a rapidly intensifying coastal storm resulted in blizzard conditions for the first time in more than 4 years along the middle and northern Atlantic Coast.

January Agricultural Summary

January was cooler than normal for most of the eastern half of the Nation. Cooler than normal temperatures were also recorded for most of the Southern Plains and large parts of the Pacific Northwest. Much of the Great Lakes, Idaho, Mid-Atlantic, Midwest, and Northeast recorded temperatures 4°F or more below normal. In contrast, most of California and large parts of the Northern Plains, Central Rockies, and Southwest were warmer than normal. Locations in Colorado, Montana, and Utah recorded temperatures 6°F or more above normal. While most of the Nation remained drier than normal during January, higher than normal amounts of precipitation were recorded in large parts of the Mid-Atlantic,

Mississippi Valley, and Central Rockies. Parts of the Northern Plains and Upper Midwest, as well as select locations in Arizona, South Florida, South Texas, and Washington also recorded higher than normal amounts of precipitation.

Crop Comments

Grapefruit: The United States 2021-2022 grapefruit crop is forecast at 378,000 tons, unchanged from the previous forecast but down 11 percent from last season's final utilization. The Florida forecast, at 4.10 million boxes (174,000 tons), is unchanged from previous forecast and unchanged from the last season. The California and Texas grapefruit production forecasts were carried forward from the previous forecast.

Tangerines and mandarins: The United States tangerine and mandarin crop is forecast at 878,000 tons, unchanged from the previous forecast but down 25 percent from the last season's final utilization. The Florida tangerine and mandarin forecast, at 800,000 boxes (38,000 tons), is unchanged from the previous forecast but down 10 percent from last year. The California tangerine and mandarin forecast was carried forward from the previous forecast.

Sugarcane: Production of sugarcane for sugar and seed is forecast at 33.5 million tons, up 1 percent from last month but down 7 percent from 2020. Producers intend to harvest 934,500 acres for sugar and seed during the 2021 crop year, down slightly from last month and down 1 percent from 2020. Yields for sugar and seed are expected to average 35.8 tons per acre, up 0.6 ton from last month but down 2.9 tons from 2020. The Louisiana and Texas sugarcane forecast were carried forward from the previous forecast.

Statistical Methodology

Survey procedures: The orange objective yield survey for the February 1 forecast was conducted in Florida. In August and September last year, the number of bearing trees and the number of fruit per tree was determined. In August and subsequent months, fruit size measurement and fruit droppage surveys are conducted, which combined with the previous components are used to develop the current forecast of production. California and Texas conduct grower survey on a quarterly basis in October, January, April, and July. California conducts an objective measurement survey in September for Navel oranges and in March for Valencia oranges.

Estimating procedures: State level objective yield estimates for Florida oranges were reviewed for errors, reasonableness, and consistency with historical estimates. Reports from growers in California and Texas were also used for setting estimates. These three States submit their analyses of the current situation to the Agricultural Statistics Board (ASB). The ASB uses the survey data and the State analyses to prepare the published February 1 forecast.

Revision policy: The February 1 production forecasts will not be revised. A new forecast will be made each month throughout the growing season. End-of-season estimates will be published in the *Citrus Fruits Summary* released in September. The production estimates are based on all data available at the end of the marketing season, including information from marketing orders, shipments, and processor records. Allowances are made for recorded local utilization and home use.

Reliability: To assist users in evaluating the reliability of the February 1 production forecasts, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the February 1 production forecast and the final estimate is expressed as a percentage of the final estimate. The average of squared percentage deviations for the latest 20-year period is computed. The square root of the average becomes statistically the "Root Mean Square Error." Probability statements can be made concerning expected differences in the current forecast relative to the final end-of-season estimate, assuming that factors affecting this year's forecast are not different from those influencing recent years. For example, the "Root Mean Square Error" for the February 1 orange production forecast is 5.1 percent. This means that chances are 2 out of 3 that the current orange production forecast will not be above or below the final estimates by more than 5.1 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 8.8 percent.

Also, shown in the following table is a 20-year record for selected crops of the differences between the February 1 forecast and the final estimate. Using oranges again as an example, changes between the February 1 forecast and the final estimates during the past 20 years have averaged 287,000 tons, ranging from 18,000 tons to 843,000 tons. The February 1 forecast for oranges has been below the final estimate 7 times and above 13 times. This does not imply that the February 1 orange forecast this year is likely to understate or overstate final production.

Reliability of February 1 Crop Production Forecasts

[Based on data for the past twenty years]

	D .	90 percent	Difference between forecast and final estimate				
Сгор	Root mean square error	confidence	Production			Years	
	square error	interval	Average	Smallest	Largest	Below final	Above final
	(percent)	(percent)	(millions)	(millions)	(millions)	(number)	(number)
Oranges ¹ tons Sugarcanetons	5.1 3.0	8.8 5.1	287 1	18 (Z)	843 3	7 4	13 16

⁽Z) Less than half of the unit shown.

1 Quantity is in thousands of units.

USDA, National Agricultural Statistics Service Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@usda.gov

Lance Honig, Chief, Crops Branch	(202) 720-2127
Chris Hawthorn, Head, Field Crops Section	(202) 720-2127
Irwin Anolik – Crop Weather	
Joshua Bates – Oats, Soybeans	
David Colwell – Current Agricultural Industrial Reports	
Michelle Harder – Barley, County Estimates, Hay	
James Johanson – Rye, Wheat	
Greg Lemmons – Corn, Flaxseed, Proso Millet	
Becky Sommer – Cotton, Cotton Ginnings, Sorghum	
Travis Thorson – Sunflower, Other Oilseeds	
Lihan Wei – Peanuts, Rice	
	(===) /== / /==
Fleming Gibson, Head, Fruits, Vegetables and Special Crops Section	(202) 720-2127
Fleming Gibson – Blueberries, Cranberries, Cucumbers, Pistachios, Potatoes, Pumpkins,	,
Raspberries, Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes	(202) 720-2127
Deonne Holiday – Almonds, Apples, Asparagus, Carrots, Coffee, Onions,	,
Plums, Prunes, Sweet Corn, Tobacco	(202) 720-4288
Robert Little – Apricots, Dry Beans, Lettuce, Macadamia, Maple Syrup,	,
Nectarines, Pears, Snap Beans, Spinach, Tomatoes	(202) 720-3250
Krishna Rizal – Artichokes, Cauliflower, Celery, Garlic, Grapefruit, Hazelnuts,	
Kiwifruit, Lemons, Mandarins and tangerines, Mint, Mushrooms, Olives, Oranges	(202) 720-5412
Antonio Torres – Cantaloupes, Dry Edible Peas, Green Peas, Honeydews, Lentils,	,
Papayas, Peaches, Sweet Cherries, Tart Cherries, Walnuts, Watermelons	(202) 720-2157
Chris Wallace – Avocados, Bell Peppers, Broccoli, Cabbage, Chickpeas,	(- ,
Chile Peppers, Dates, Floriculture, Grapes, Hops, Pecans	(202) 720-4215
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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

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